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FOREST CONTROL

DEPT. OF AGRICULTURE
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NOV 22 1958

by

C & R. PAPER

CONTINUOUS INVENTORY

"Today I have grown taller from walking with the trees."

...Karle Wilson

Milwaukee, Wis. May, 1958 No. 50

TREES GROW TO MATURITY AND IF NOT USED DECLINE AND DIE

Have you ever wondered what happens to the trees on your forest every hour of every day of every year? If you have, you might be interested in the following tree information secured from the Continuous Forest Inventory on the Minnesota & Ontario Paper Company's forest lands, based on a measurement covering a recent three-year period.

Every hour during the period, 170 trees grew into merchantable sizes, while 69 trees died of natural causes.

Every day 4,080 trees grew large enough for pulp-wood, while 1,656 trees lost their life due to old age, disease, wind, sun, flood, insects, suppression, beaver or porcupine.

When each year was ended 1,489,200 trees had passed the 5.00" DBH mark and had joined their merchantable partners in the forest, while 604,440 unlucky trees had lost their battle for survival.

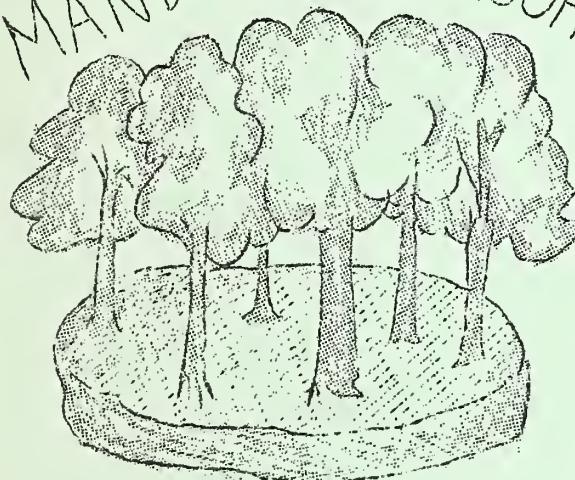
JOHN HUBBARD, FORESTER
MINNESOTA & ONTARIO PAPER CO.
INTERNATIONAL FALLS, MINNESOTA



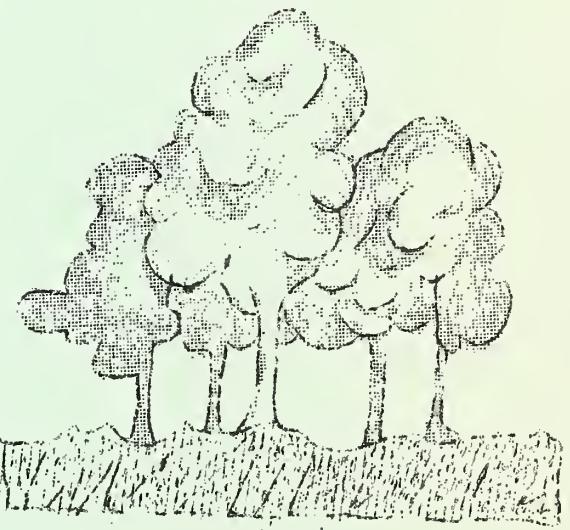
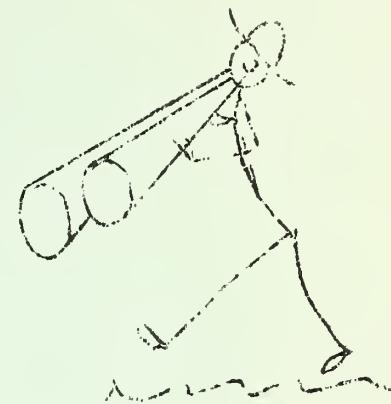
C.F.I. foresters -

HERE IS A QUICK
LOOK AT THE -

MANDO REMEASUREMENT



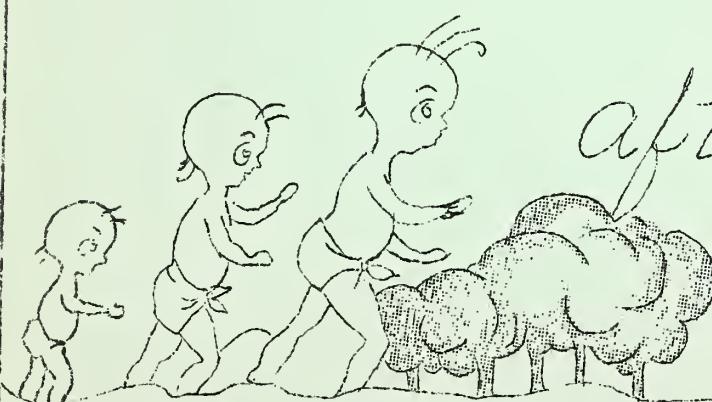
OF 749 $\frac{1}{7}$ ACRE
PLOTS.



ON

258, 500 ACRES OF
FOREST IN NORTHERN
MINNESOTA.

after



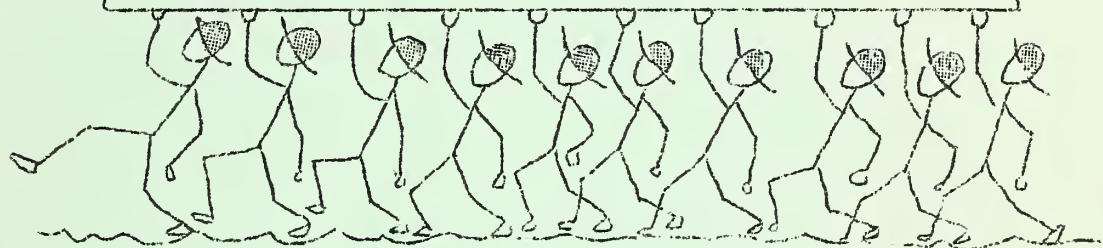
THREE GROWING SEASONS





a C.F.I. job

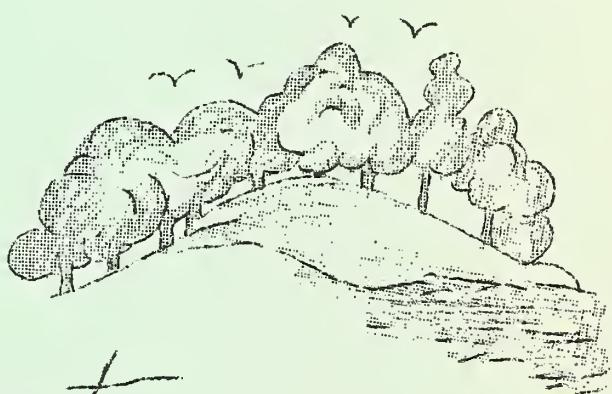
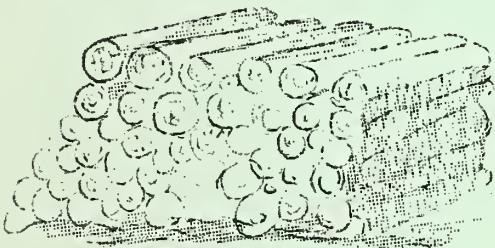
WELL DONE IN 412
MAN-DAYS BY 10 MEN



who found that

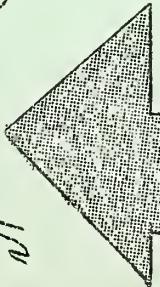
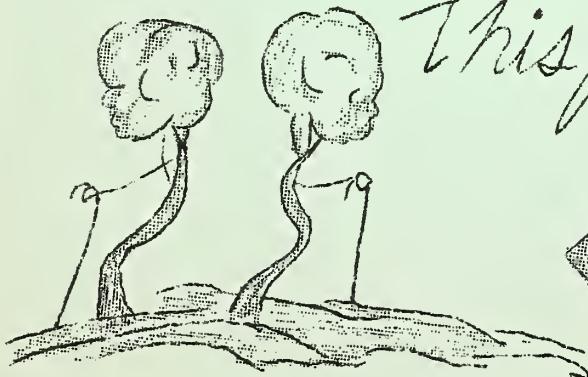
MANDO FOREST GREW
339,000 CORDS OF
WOOD IN 3 YEARS

but



LIKE MOST LARGE WILD
AREAS IN THE
NORTH —

this forest



CONTAINED MANY
POOR OLD TREES

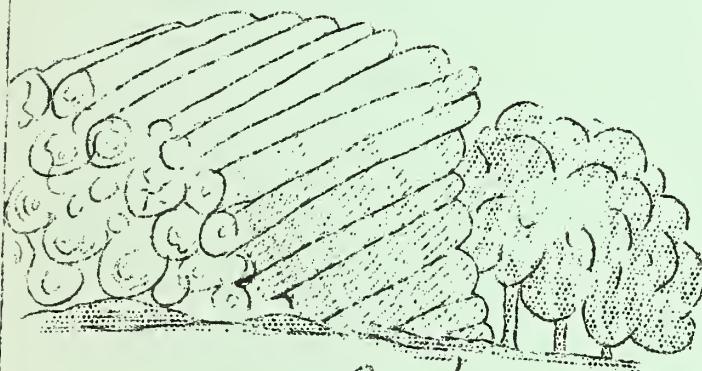
and so in three years

1,800,000 OF
THESE TREES
DIED -



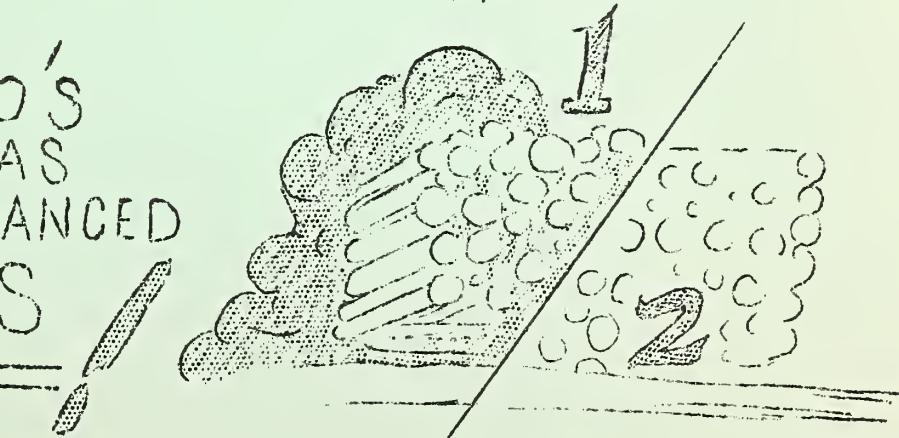
causing

MANDO FOREST TO
LOSE 163,000 CORDS
OF GOOD WOOD

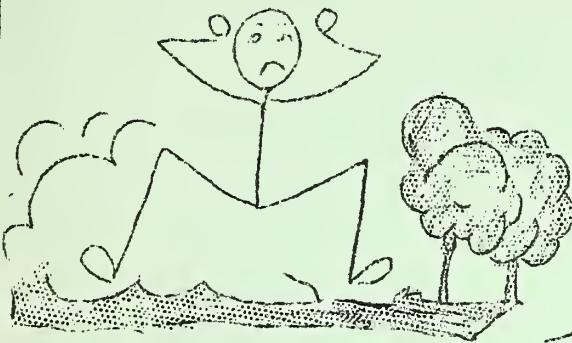


It's a startling fact that

2 OF MANDO'S
GROWTH WAS
COUNTERBALANCED
BY LOSS

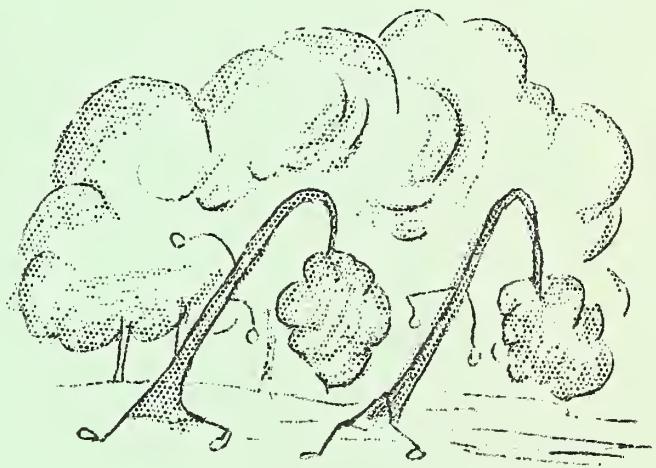


but it is



AN EVEN MORE
SIGNIFICANT FACT

that



53% OF THIS
LOSS OCCURRED



on only

80,415 ACRES
CLASSIFIED AS
NO. 1 CUTTING
PERIOD IN 1953

but

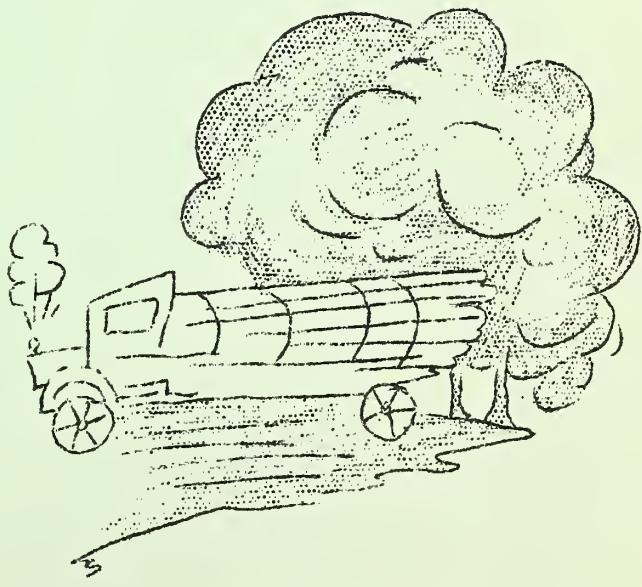
in 1953



MANDO PLANNED MORE
ROADS INTO THIS
FAR BACK-COUNTRY

and since then

— —

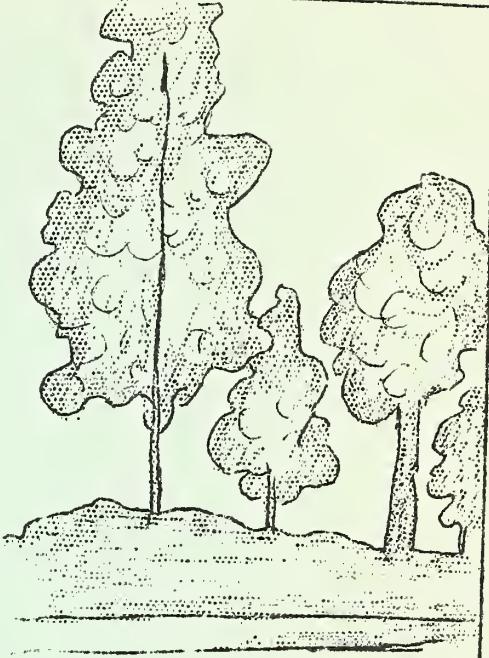
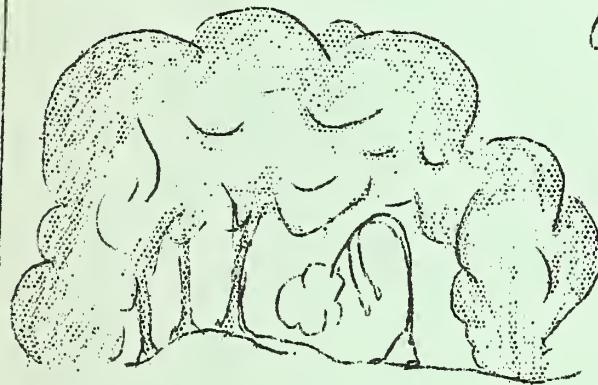


HAS CUT MORE THAN 4
OF IT'S WOOD FROM
THESE AREAS.

once again C.F.I.
Pat mando

HAS INCREASED
FOREST GROWTH

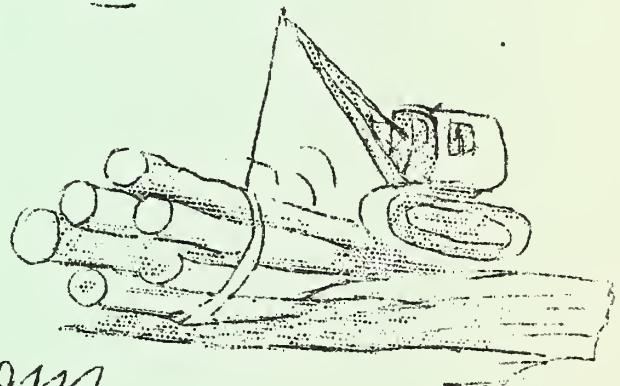
and



DECREASED FOREST
WASTE.

by —

CUTTING MORE
AND MORE WOOD



from

MORE AND MORE
STANDS AND TREES
OF POOR VIGOR

Division of State and Private Forestry
U. S. Forest Service, Milwaukee, Wis.

JULY

7-12	Plot establishment, Kimberly-Clark	Stott to Marenisco, Wis.
13-18	" " , Owens-Illinois Co.	Stott & Semmens to Tomahawk, Wis.
19-26	" " , Indian Service	Stott & Semmens to Red Lake, Minn.
27-Aug. 2	Office work, Milwaukee	Stott and Semmens

AUGUST

3-9	Plot establishment, Celotex Corp.	Stott & Semmens to L'Anse, Mich.
10-16	" " , Escanaba Paper	Semmens to Escanaba
17-23	Office work, Milwaukee	Stott, field or office
24-30	Field checks, Owens-Illinois U.S. Indian Service	Stott and Semmens Stott to Tomahawk Semmens to Flambeau Reservation

SEPTEMBER

1-6	Office work	Stott and Semmens in Milwaukee
7-13	Local woods	Stott & Semmens in field, Milwaukee
14-20	Plot establishment, Marathon Corp.	Stott to Mercer, Wis.
21-27	Office work	Semmens in Milwaukee
21-27	Field checks, Celotex Corp. Escanaba Paper Co.	Stott to L'Anse, Mich. Semmens to Escanaba, Mich.
28-Oct. 4	Office work	Stott & Semmens in Milwaukee

OCTOBER

5-11	C.F.I. instruction, Purdue University	Stott or Semmens to Lafayette, Ind.
12-18	Field check, Marathon Corp.	Stott to Mercer, Wis.
19-25	Office work	Semmens in Milwaukee
26-31	Open	
	Office work	Stott & Semmens in Milwaukee

NOVEMBER

1-8	Local woods	Stott & Semmens in field, Milwaukee
9-15	Office work	Stott & Semmens in Milwaukee
16-30	Computations, Celotex Corp.	Stott & Semmens at Milwaukee Service Bureau

DECEMBER

1-6	Computations and office work	Semmens at Milwaukee Serv. Bureau
7-13	CFI instruction, Purdue University	Stott in Milwaukee
14-20	Office work	Stott or Semmens at Lafayette, Ind.
21-Jan. 3	Holiday season	Stott & Semmens in Milwaukee No field work planned

JANUARY

4-24	Open	
26-31	Flow chart session, Northwest Paper Co.	Stott & Semmens in Milwaukee

